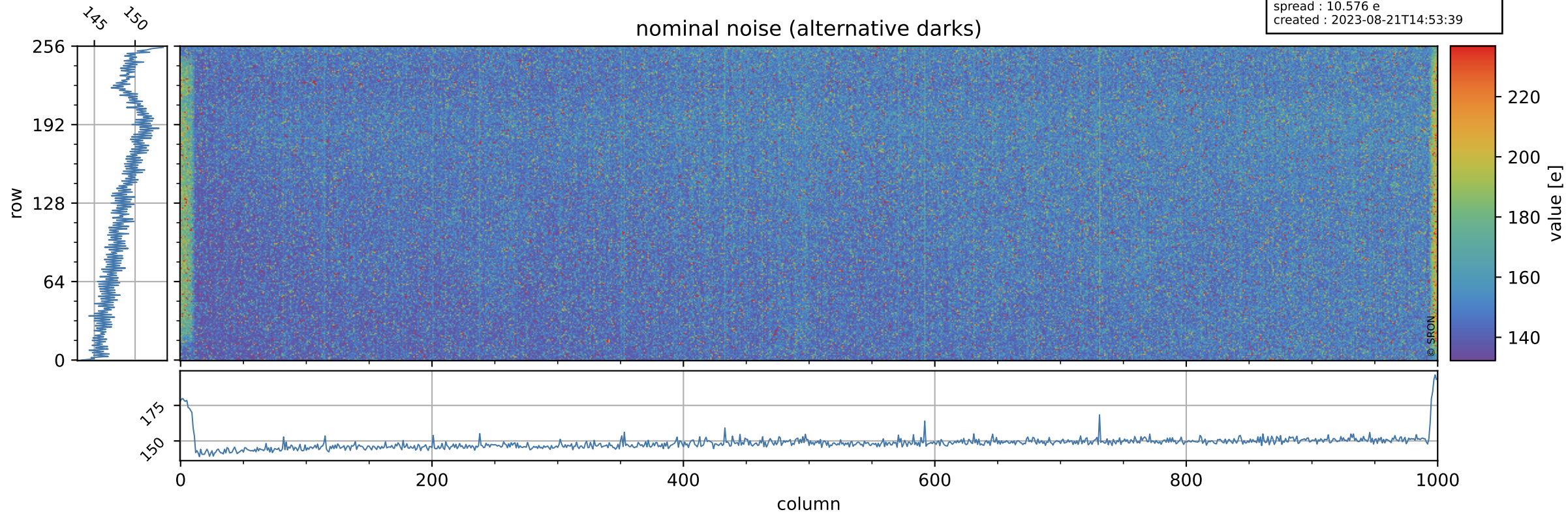


Tropomi SWIR background noise (swir)

orbits : 12 in [7987, 8077]
coverage : 2019-04-29 / 2019-05-05
n_coad, t_exp : 1, 1.0783
median : 148.41 e
spread : 10.576 e
created : 2023-08-21T14:53:39

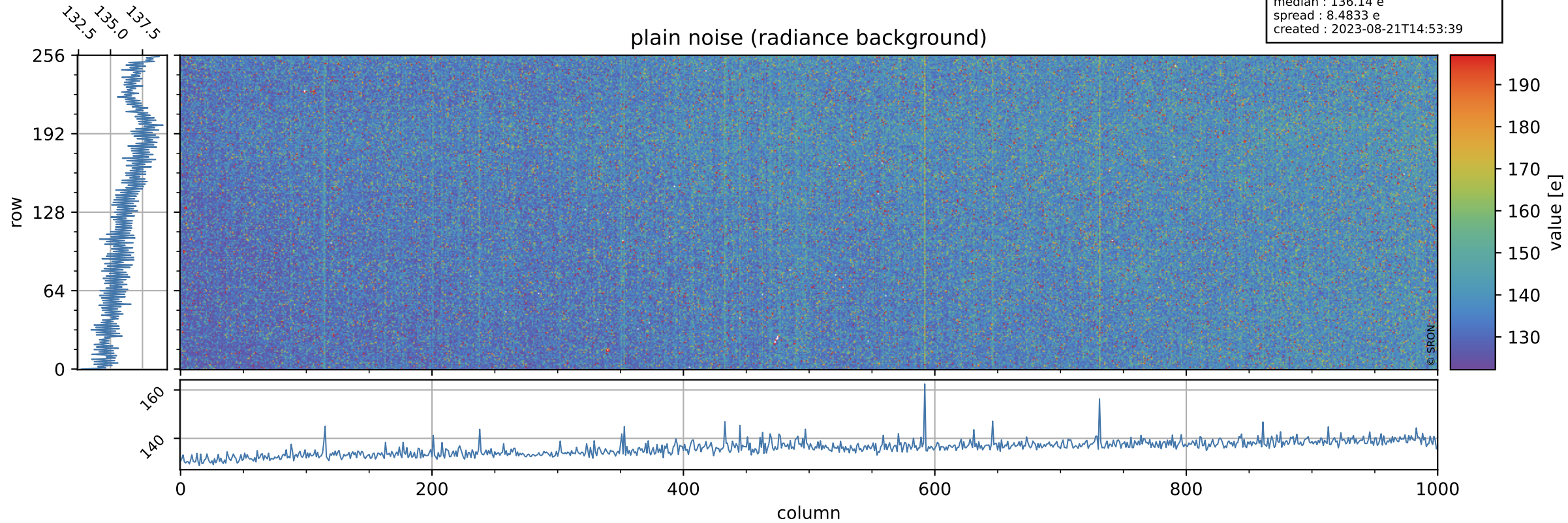
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [7987, 8077]
coverage : 2019-04-29 / 2019-05-05
n_coad, t_exp : 2, 0.5383
median : 136.14 e
spread : 8.4833 e
created : 2023-08-21T14:53:39

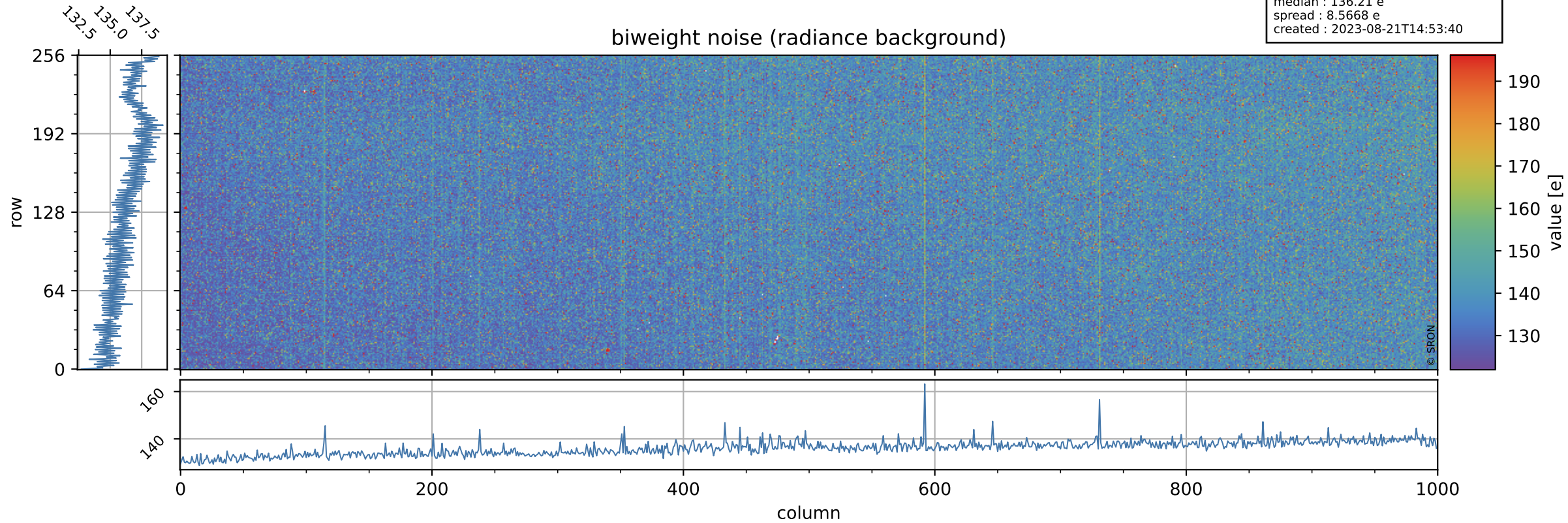
plain noise (radiance background)



Tropomi SWIR background noise (swir)

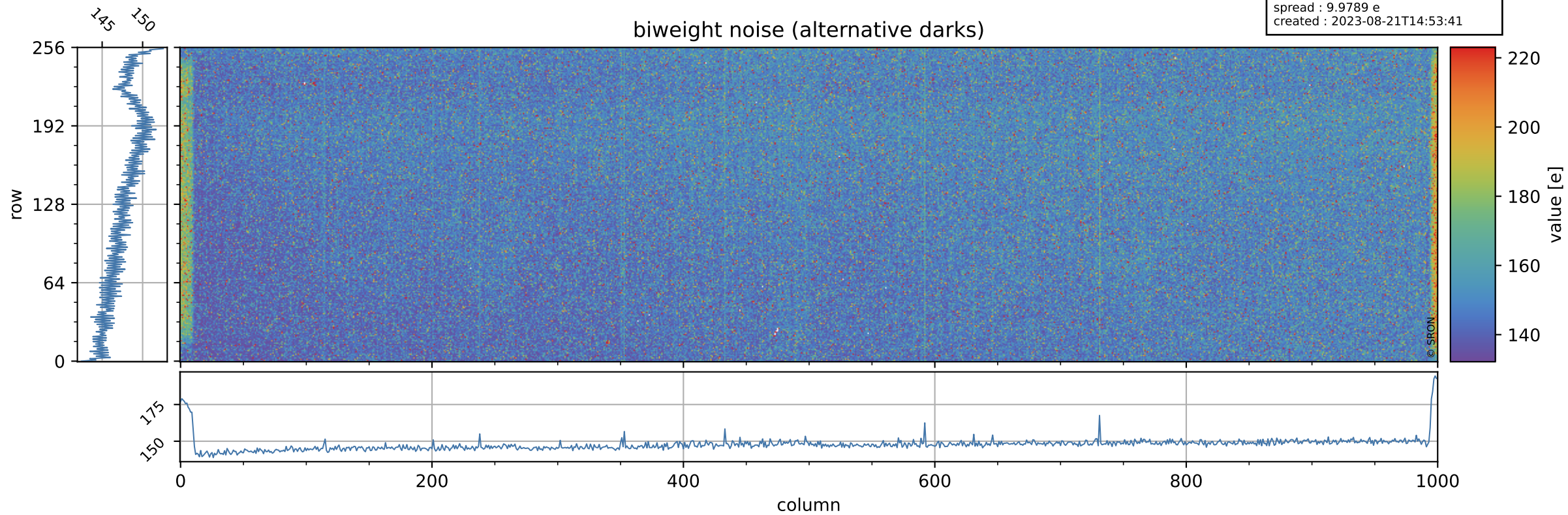
orbits : 12 in [7987, 8077]
coverage : 2019-04-29 / 2019-05-05
n_coad, t_exp : 2, 0.5383
median : 136.21 e
spread : 8.5668 e
created : 2023-08-21T14:53:40

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

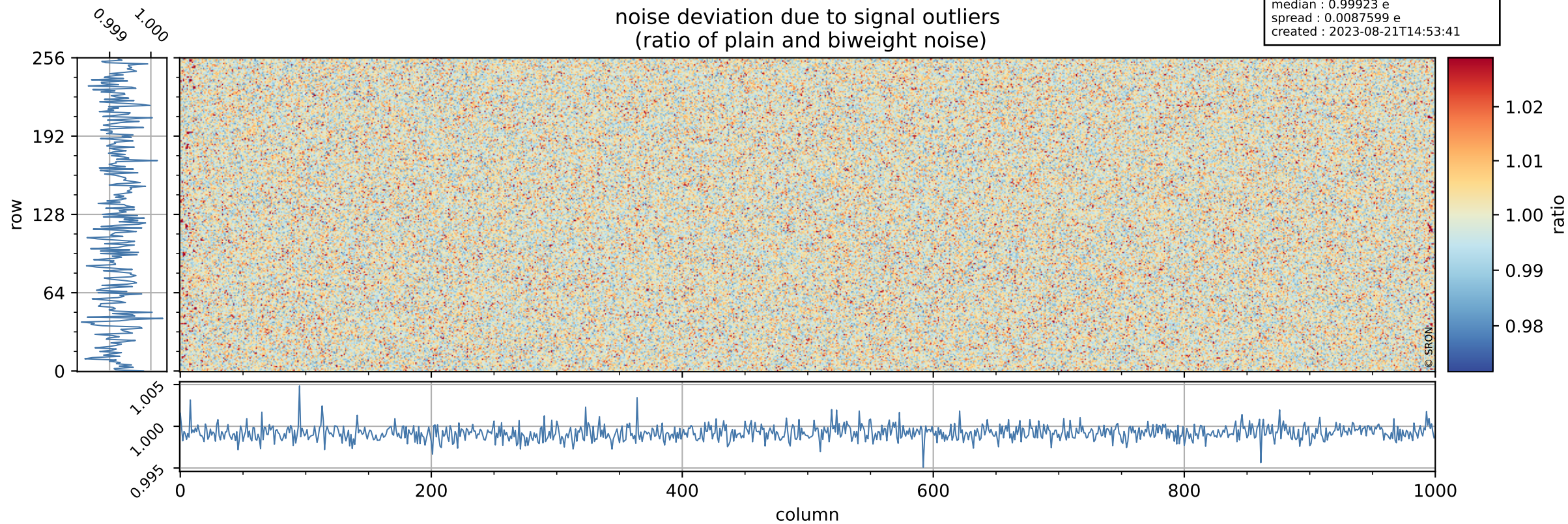
orbits : 12 in [7987, 8077]
coverage : 2019-04-29 / 2019-05-05
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 9.9789 e
created : 2023-08-21T14:53:41



Tropomi SWIR background noise (swir)

noise deviation due to signal outliers
(ratio of plain and biweight noise)

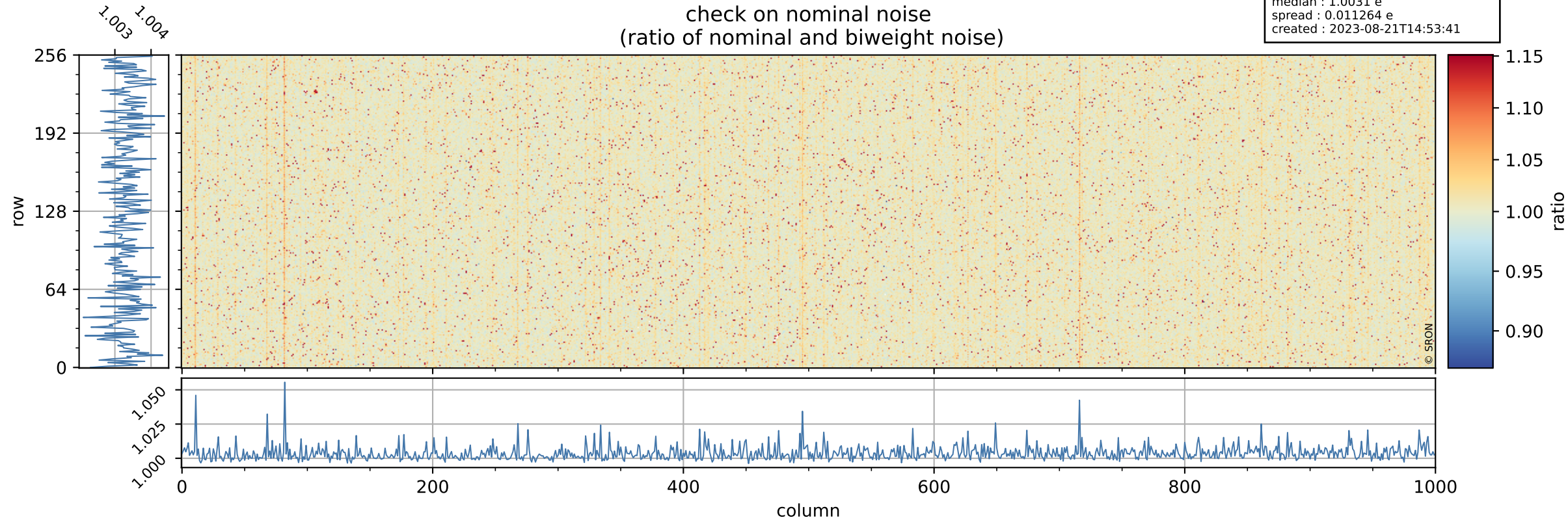
orbits : 12 in [7987, 8077]
coverage : 2019-04-29 / 2019-05-05
median : 0.99923 e
spread : 0.0087599 e
created : 2023-08-21T14:53:41



Tropomi SWIR background noise (swir)

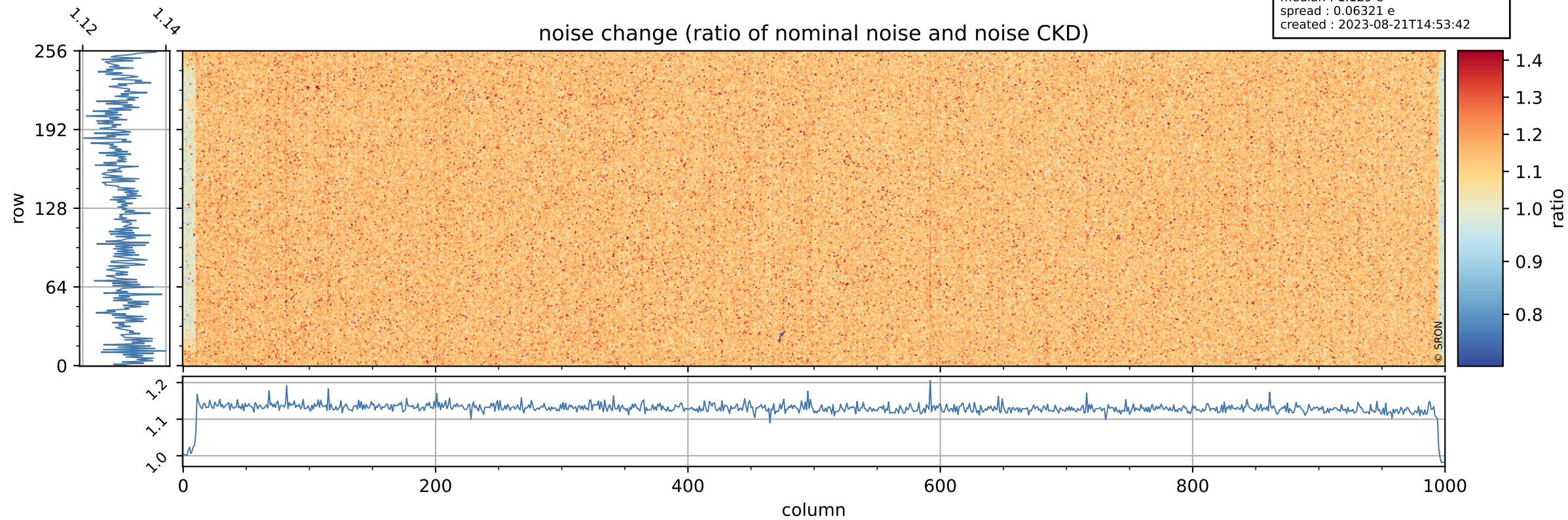
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [7987, 8077]
coverage : 2019-04-29 / 2019-05-05
median : 1.0031 e
spread : 0.011264 e
created : 2023-08-21T14:53:41



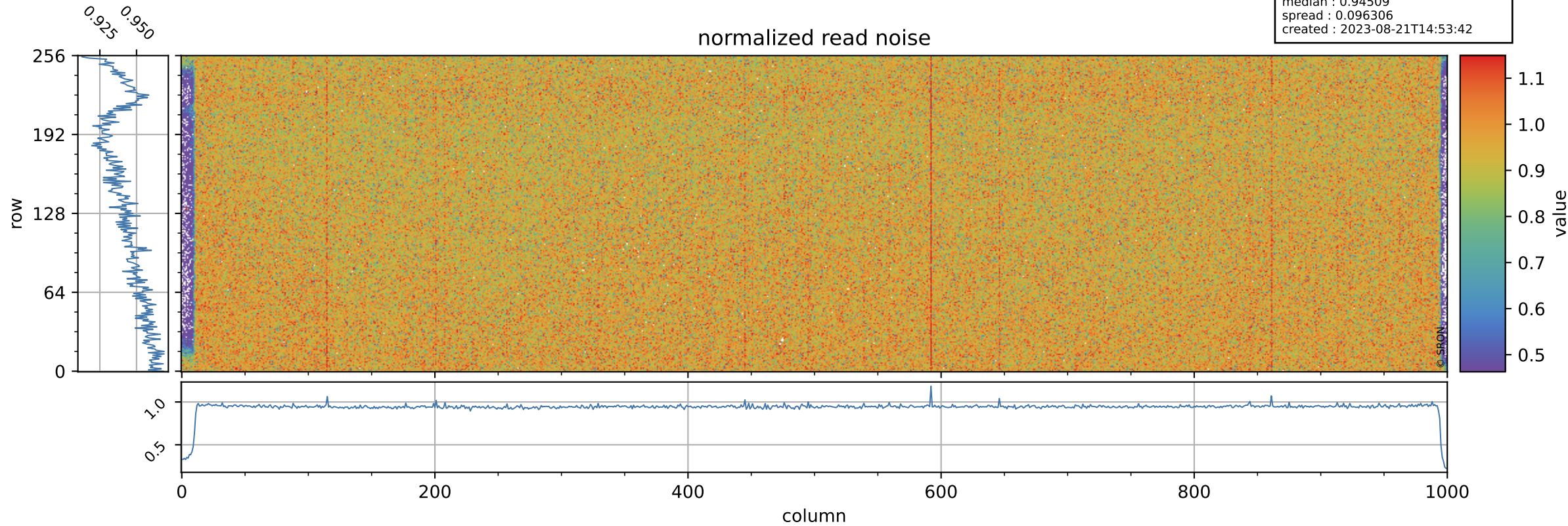
Tropomi SWIR background noise (swir)

orbits : 12 in [7987, 8077]
coverage : 2019-04-29 / 2019-05-05
median : 1.129 e
spread : 0.06321 e
created : 2023-08-21T14:53:42



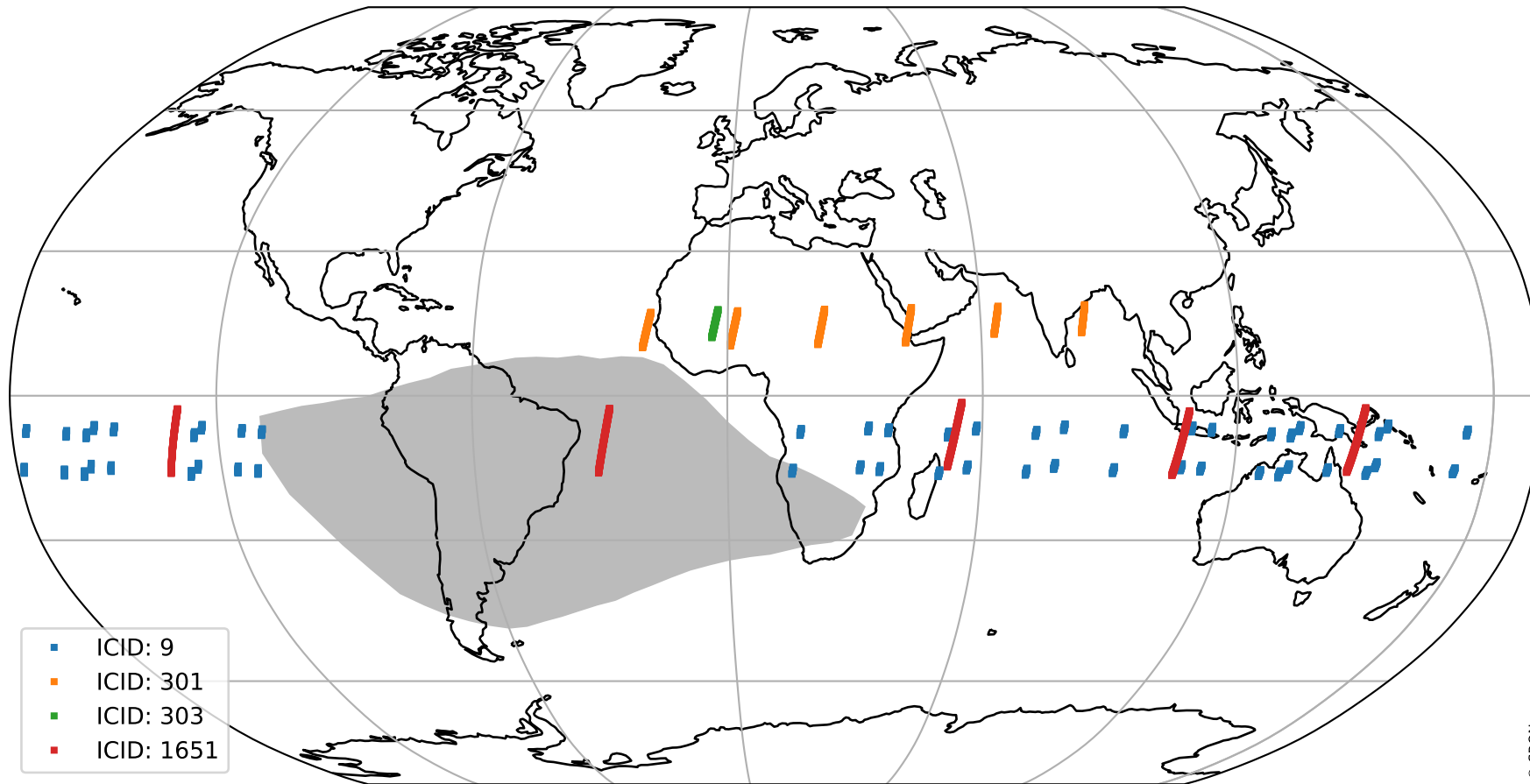
Tropomi SWIR background noise (swir)

orbits : 12 in [7987, 8077]
coverage : 2019-04-29 / 2019-05-05
median : 0.94509
spread : 0.096306
created : 2023-08-21T14:53:42



Tropomi SWIR background noise (swir) ground-tracks of Sentinel-5P

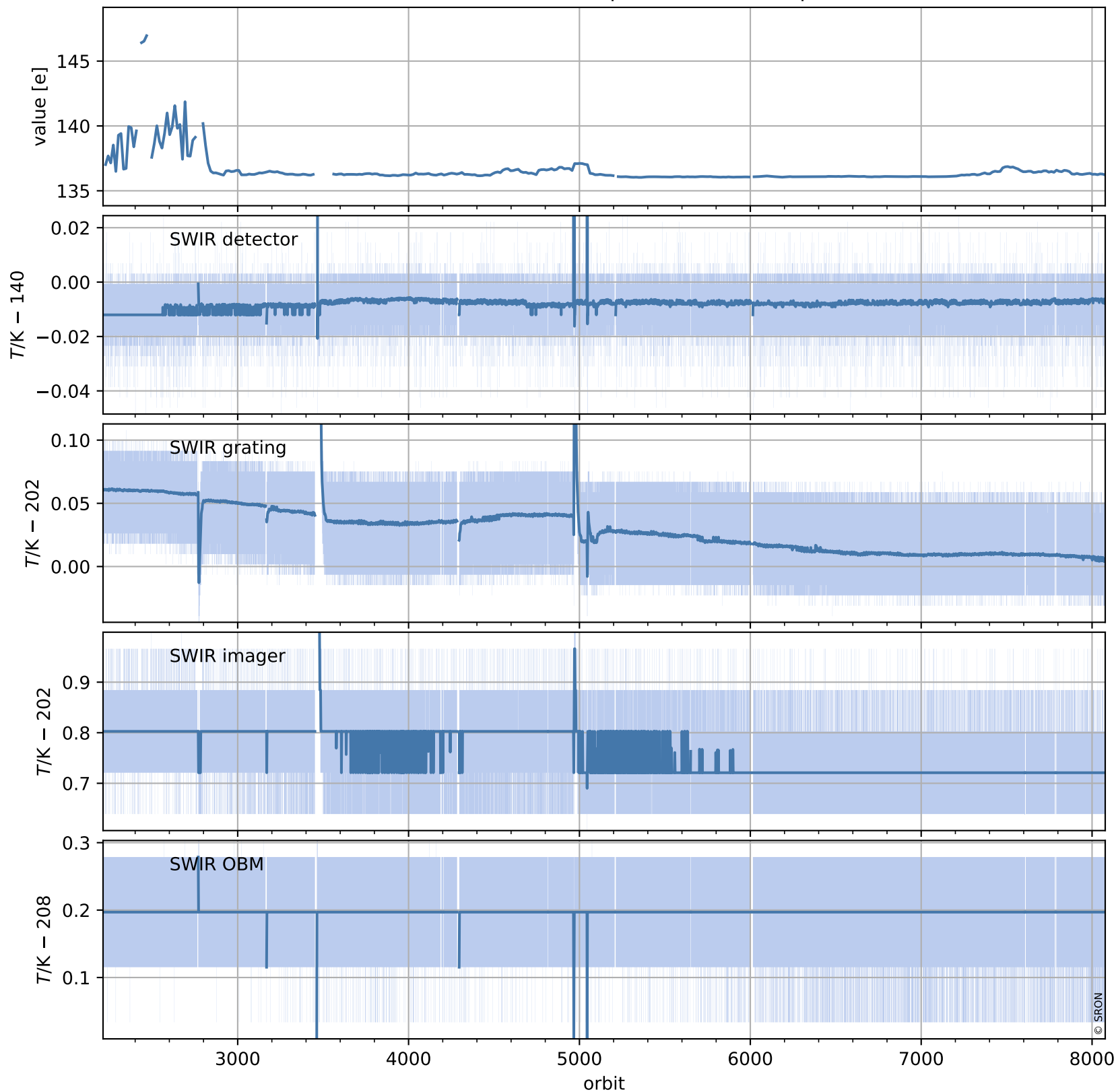
orbits : 12 in [7987, 8077]
coverage : 2019-04-29 / 2019-05-05
created : 2023-08-21T14:53:42



Tropomi SWIR background noise (swir)

orbits : [2212, 8077]
coverage : 2018-03-18 / 2019-05-05
created : 2023-08-21T14:53:43

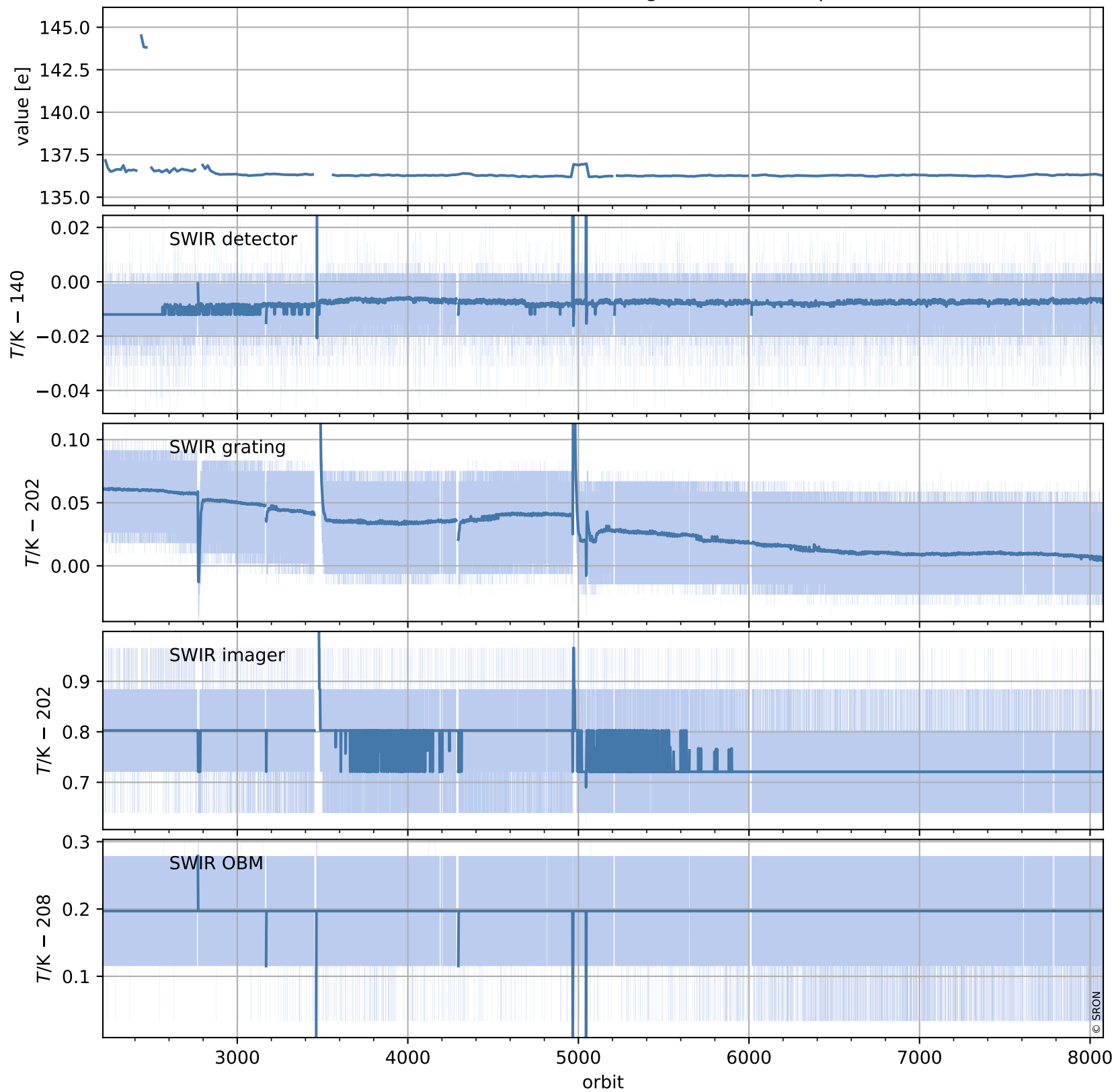
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8077]
coverage : 2018-03-18 / 2019-05-05
created : 2023-08-21T14:53:44

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8077]
coverage : 2018-03-18 / 2019-05-05
created : 2023-08-21T14:53:44

trend of normalized read-noise & temperatures

